

REMARKS

Please reconsider the application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering this application.

Disposition of Claims

Claims 1-15 were pending in this application. Claims 1, 7, and 11 are independent. The remaining claims depend, directly or indirectly, from claims 1, 7, and 11.

Claim Amendments

Independent claims 1, 7, and 11 have been amended to clarify the present invention as recited. Specifically, claims 1, 7, and 11 have been amended to recite that the emulator emulates an *entire* wireless-connected device, wherein the entire wireless-connected device comprises an input device; an output device; and a processor configured to accept an input from the input device, process the input, and send a result to the output device based on the application. Support for this amendment may be found, for example, on page 4, paragraph 11 and page 8, paragraph 19 of the specification. Dependent claims 9 and 12 have also been amended to use consistent terminology. Claims 16-18 have been newly added. Support for this amendment may be found, for example, in Figure 12 and Figure 13. No new matter is added by way of these amendments.

Rejections under 35 U.S.C. § 103

Claims 1-15 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Admitted Prior Art (APA) in view of U.S. Patent No. 6,282,152 ("Kurple"). Independent claims 1, 7, and 11 have been amended to clarify the present invention as recited. To the extent that this rejection may still apply to the amended claims, this rejection is respectfully traversed.

The present invention relates to software development tools utilizing integrated emulators for developing applications that are executed on wireless devices. Specifically, the present invention relates to using an emulator that emulates an entire wireless device, where the emulator runs on a virtual machine and executes an application developed for the emulated wireless device (*See* Specification, page 8, paragraph 19). Further, the present invention discloses that a module,

which includes development tools for creation of applications executing on the emulated wireless device, is integrated in an Integrated Development Environment (IDE) (*See* Specification, page 11, paragraph 46).

With respect to the rejection of claim 1, claim 1 has been amended to include the limitations “an *entire* wireless-connected device” (emphasis added) and “wherein the wireless-connected device comprises an input device; an output device; and a processor configured to accept an input from the input device, process the input, and send a result to the output device based on the application.” As described above, the emulator of the present invention emulates an entire wireless connected device (*e.g.*, a cellular phone, two-way pager, personal digital assistants, etc.), including an input component, an output component and the processing power of the device. Subsequently, applications developed using the module, such as games, are executed on the emulator that is emulating the functionality of wireless connected device. Thus, in order to determine the game executes properly, the emulator emulates the entire wireless connected device.

With respect to the rejection of the claims, the Examiner admits that APA does not disclose the emulator integrated with the module that is used to create and develop applications for wireless devices. Further, Kurple does not disclose that which APA lacks. Instead, Kurple discloses that a universal controller emulates a *control signal* from each of a plurality of wireless transmitters (*See* Kurple, col. 2, ll. 52-54). A control signal is a wireless signal that is used to control a specific part of a system. Kurple fails to teach or suggest an emulator that emulates an *entire* wireless device. Rather, Kurple discloses emulating *transmissions of* a wireless device (*i.e.*, the wireless transmitter) and not an entire wireless device for which applications are being developed. In fact, Kurple is silent on modeling all components of the wireless device including an input component, an output component and a processor of the wireless device as recited in the claims of the present invention. Those skilled in the art would agree that transmissions of a wireless device are merely signals that originate from the wireless device, and is far from emulating the functionality of the entire device as claimed.

Further, the emulator claimed in the present invention is configured to execute the applications developed for the emulated wireless device. Kurple does not disclose or suggest that the emulator emulating a plurality of control signals *executes* an application on an emulated

wireless device. Execution of an application may be, for example, the execution of games on an emulated cellular phone or personal digital assistant to confirm operability and performance levels. Because the execution of an application associated with emulation of control signals is not disclosed in Kurple, Kurple cannot possibly disclose this limitation of the claimed invention. Thus, it is clear that Kurple fails to teach or suggest an emulator as defined in the present invention.

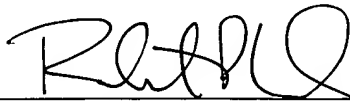
In view of the above, APA and Kurple, whether considered separately or in combination, do not render claim 1 of the present invention obvious. Dependent claims 2-6 are patentable for at least the same reasons. Further, independent claims 7 and 11 have been amended to include similar allowable subject matter (*i.e.*, the emulation of an entire wireless device and execution of an application on the emulated wireless device) and are patentable over APA and Kurple for at least the same reasons as claim 1. Dependent claims 8-10 and 12-18 are patentable for at least the same reasons. Accordingly, withdrawal of this rejection is respectfully requested.

Conclusion

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 16159/012001; P5534CNT).

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Respectfully submitted,

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